

with markings to show changes made" which follows the "Remarks" section of this Amendment.

On page 5, please delete lines 14-16, and insert --SEQ ID NOS: 1-9, and--

On page 5, lines 25-26, please delete [SEQUENCE ID NOS 1-9] and insert --SEQ ID NOS: 1-9--

On page 6, lines 10, 19 and 33 please delete [SEQUENCE ID NOS 1-9] and insert --SEQ ID NOS: 1-9--

On page 7, line 8, please delete [SEQUENCE ID NOS 1-9] and insert --SEQ ID NOS: 1-9--

On page 7, please delete lines 16-17, and insert --the group consisting of SEQ ID NOS: 24-28, and--

On page 7, please delete lines 22-23, and insert --the group consisting of SEQ ID NOS: 24-28, and--

On page 7, please delete lines 28-29, and insert --SEQ ID NOS: 24-28, and fragments thereof. Further, the--

On page 8, please delete lines 23-24, and insert --antigen selected from the group consisting of SEQ ID NOS: 24-28,--

On page 9, please delete lines 7-8, and insert --consisting of SEQ ID NOS: 24-28, and fragments thereof.--

On page 9, please delete lines 16-18, and insert --BS322 antigen selected from the group consisting of SEQ ID NOS: 24-28, and fragments thereof.--

On page 9, please delete lines 29-30, and insert --sequence selected from the group consisting of SEQ ID NOS: 24-28, and fragments thereof--

On page 10, lines 1-2, please delete [SEQUENCE ID NOS 1-9] and replace with --SEQ ID NOS: 1-9--

On page 10, please delete lines 9-10, and insert --SEQ ID NOS: 24-28, and fragments thereof.--

On page 10, please delete lines 15-16, and insert --SEQ ID NOS: 24-28, and fragments thereof. The plasmid--

On page 10, line 21, please delete [SEQUENCE ID NOS 1-9] and replace with --SEQ ID NOS: 1-9--

On page 10, please delete lines 27-28, and insert --group consisting of SEQ ID NOS: 24-28, and fragments thereof. --

On page 10, line 30, please delete [SEQUENCE ID NO 24 or SEQUENCE ID NO 25] and replace with --SEQ ID NO: 24 or SEQ ID NO: 25--

On page 10, line 32, please delete [SEQUENCE ID NO 8 or SEQUENCE ID NO 9] and replace with --SEQ ID NO: 8 and SEQ ID NO: 9--

On page 14, please delete lines 28-30, and insert --sequence can be selected from the group consisting of SEQ ID NOS: 24-28, and fragments thereof. --

On page 56, please delete lines 26-27, and insert --the group consisting of SEQ ID NOS: 24-28, and--

On page 58, please delete lines 8-9, and insert --selected from the group consisting of SEQ ID NOS: 24-28, and--

On page 60, please delete lines 26-27, and insert --selected from the group consisting of SEQ ID NOS: 24-28, and--

On page 65, line 3, please delete [SEQUENCE ID NO 8] and replace with --SEQ ID NO:8--

On page 65, lines 9-10, please delete [SEQUENCE ID NO 12 and SEQUENCE ID NO 13] and replace with --SEQ ID NO: 12 and SEQ ID NO:13--

On page 65, line 14, please delete [SEQUENCE ID NOS 14-23] and replace with --SEQ ID NOS: 4-23--

On page 65, line 15, please delete [SEQUENCE ID NO 9] and replace with --SEQ ID NO: 9--

On page 70, line 22, please delete [SEQUENCE ID NOS 1-9] and replace with --SEQ ID NOS: 1-9--

On page 71, line 24, please delete [SEQUENCE ID NOS 1-9] and replace with --SEQ ID NOS: 1-9--

On page 72, line 7, please delete [SEQUENCE ID NOS 1-9] and replace with --SEQ ID NOS: 1-9--

On page 81, line 5, please delete [SEQUENCE ID NO 30] and replace with --SEQ ID NO: 30--

On page 87, line 33, please delete [SEQUENCE ID NO 26] and replace with --SEQ ID NO: 26--

On page 88, lines 1 and 4, please delete [SEQUENCE ID NO 28] and replace with --SEQ ID NO: 28--

On page 88, lines 1, 14 and 22, please delete [SEQUENCE ID NO 26] and replace with --SEQ ID NO: 26--

On page 89, line 21, please delete [SEQUENCE ID NO 26] and replace with --
SEQ ID NO: 26--
On page 89, line 22, please delete [SEQUENCE ID NO 28] and replace with --
SEQ ID NO: 28--

On page 90, lines 12-13, please delete [SEQUENCE ID NO 26] and replace with -
-SEQ ID NO: 26--
On page 90, line 14, please delete [SEQUENCE ID NO 28] and replace with --
SEQ ID NO: 28--

On page 98, line 24, please delete [SEQUENCE ID NO 24 and SEQUENCE ID
NO 25] and replace with --SEQ ID NO: 24 and SEQ ID NO: 25--

On page 98, lines 30-31, please delete [SEQUENCE ID NO 24 and SEQUENCE
ID NO 25] and replace with --SEQ ID NO: 24 and SEQ ID NO: 25--

Substitute Sheets

Substantial changes were made to pages 11, 49, 63, 64 and 76. Clean, substitute
sheets of these five pages follow this section of the Response.